**Mouse Overwiew:** Monoclonal Antibody to HIV-1 gp120. This is a binding and neutralizing antibody. Neutralization was tested in tissue culture.

**Antigen Description:** The gp120 glycoprotein is used for binding to CD4 receptor and CCR5 co-receptor of T helper 2 (Th2) cells, and is able to induce FcepsilonRI(+) hematopoietic cells to produce IL4, which inactivates the host adaptive immune response.

**Immunogen:** r.gp120 (MN strain).

**Clone:** OZSIJWhq121

**Isotype:** IgG1

**Host animal:** Mouse

**Purification Method:** Ion exchange column.

**Applications:** By direct ELISA (against recombinant gp120), 1:20,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig.

**PACKAGING**

**Concentration:** 1mg/ml in PBS (after reconstitution).

**Reconstitution:** Reconstitute with H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use. Stability / Shelf Life: Two years lyophilized, one month in solution at 4°C

**Storage:** In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. And the antibody is shipped lyophilized at ambient temperature.

**REFERENCES**
